

Kongdech Savaspun



Contact

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Languages

Thai – 100%
English – 70%

Hobbies

- Thai herb collection
- Zingiberaceae collection

Summary

- Interested in the field of phytochemistry to find out the active ingredients from Thai herb especially in Zingiberaceae for the future drugs and cosmetic development

Skill Highlights

- Organic synthesis
- Phytochemistry

Experience

Lecturer in Organic Chemistry, School of science, University of Phayao - 2007 to present

Education

Ph.D. (Chemistry) 2010-2014: Faculty of science medicine and health, University of Wollongong, Wollongong, New South Wales, AUSTRALIA

M.Sc. (Chemistry) 2002-2005: Faculty of science, Kasetsart University, THAILAND

B.Sc. (Chemistry) 1998-2001 : Faculty of science, Chiang Mai University, Chiang Mai, THAILAND

Scholarships/Fellowships

2010-2014 Thai Government Science and Technology Scholarship

1998-2004 Development and Promotion of Science and Technology Talents Project (DPST)

Publications

Stephen G. Pyne*, Andrew S. Davis, Thunwadee Rittiwigrom, Chistopher W. G. Au, **Kongdech Savaspun**, Matthew Wotherspoon, The Boronic Acid Mannich Reaction in Alkaloid Synthesis., *Pure Appl. Chem.* 2013, 85, 1215-1225. DOI: 10.1351/PAC-CON-12-07-05

Kongdech Savaspun, Chistopher W. G. Au, Stephen G. Pyne*, Total Synthesis of Hyacinthacines B3, B4 and B5, Purported Hyacinthacine B7 and 7-epi-Hyacinthacine B7 and 7a-epi-Hyacinthacine B3 from a Common Precursor. *J. Org. Chem.* 2014, 79(10), 4569-4581. DOI: 10.1021/jo5005923

Anthony Carroll, **Kongdech Savaspun**, Anthony C. Willis, Masako Hoshino, Atsushi Kato, and Stephen G. Pyne. Total Synthesis of Natural Hyacinthacine C5, and six Related Hyacinthacine C5 Epimers. *J. Org. Chem.* 2018, 83 (10), 5558-5576. DOI: 10.1021/acs.joc.8b00585

Pornpat Sam-ang, Damratsamon Surangkul, **Kongdech Savaspun**, Anuchit Phanumartwiwath. Antioxidant and Acetylcholinesterase Inhibitory Activities of *Morinda citrifolia* L. Extracts. *Agr. Nat. Resour.* 2020, 54, 173–179 DOI:10.34044/j.anres.2020.54.2.08

Kongdech Savaspun, Damratsamon Surangkul, Anuchit, Phanumartwiwath, Pornpat Sam-ang. Antioxidant and Acetylcholinesterase Inhibitory Activities of Crude and Fractionated Extracts from Tong Taek (*Baliospermum Solanifolium*) Leaves. *PSRU Journal of Science and Technology.* 2020, 5(1),107-122